L Number	Hits	Search Text	DB	Time stamp
1	2	("6570685").PN.	USPAT; US-PGPUB;	2003/11/23 17:32
	i		EPO; JPO; DERWENT; IBM_TDB	17.32
2	0	(("6570685").PN.) and redun	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/23
3	. 0	(("6570685").PN.) and redundancy	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/11/23 17:38
4	5	(("6504638") or ("6115173")).PN.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/11/23 17:38
-	1226	(398/3,4,5,7,12,14,20,33,34,45,50,67,68,14	DERWENT; IBM_TDB 5y59A87).CCI US-PGPUB; EPO; JPO;	\$2003/11/23 17:32
-	32	(OMS with SPRING)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/11/19 15:40
	2	("OMS-SPRING")	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/11/19 15:40
_ _	104391	protect\$3 and work\$3 and ring	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/19 16:52
_	983608	split\$4 or branch\$3	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/11/19 15:41
_	5009339	coupl\$3 or combin\$3 or add\$3	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/19 15:41
-	1646268	ring	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/19
-	37736	<pre>(protect\$3 and work\$3 and ring) and (split\$4 or branch\$3) and (coupl\$3 or combin\$3 or add\$3) and ring</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/19 15:42
-	189	((protect\$3 and work\$3 and ring) and (split\$4 or branch\$3) and (coupl\$3 or combin\$3 or add\$3) and ring) and (398/\$7.ccls.)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/19

-	1161	((398/3,4,5,7,12,14,20,33,34,45,50,67,68,1	45\$9AT87).CC	12003/11/19
		not (((protect\$3 and work\$3 and ring	US-PGPUB;	16:24
	İ) and (split\$4 or branch\$3) and (coupl\$3	EPO; JPO;	
		or combin\$3 or add\$3) and ring) and	DERWENT;	
		(398/\$7.ccls.))	IBM_TDB	
-	120		ֈԾ5₽Ֆ9 ;87).c	CZ080.3/11/19
		not (((protect\$3 and work\$3 and ring	US-PGPUB;	16:24
	į) and (split\$4 or branch\$3) and (coupl\$3	EPO; JPO;	
		or combin\$3 or add\$3) and ring) and	DERWENT;	
		(398/\$7.ccls.))) and (protect\$3 and	IBM_TDB	
-	1041	wpr&\$8ct\$3 and work\$3 and ring	USPAT;	2003/11/19
) and ((398/\$7.ccls.) or (359/\$7.ccls.))	US-PGPUB;	16:53
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	15374	MS with SPRING	USPAT;	2003/11/19
			US-PGPUB;	16:53
			EPO; JPO;	·
		·	DERWENT;	
			IBM_TDB	
-	822	(MS with SPRING) and protect\$3 and work\$3	USPĀT;	2003/11/19
		and ring	US-PGPUB;	16:54
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	j '
-	60		USPAT;	2003/11/20
		("6046832") or ("6038044") or ("5995256")	US-PGPUB;	12:26
Ì		or ("5933258") or ("6643464") or	EPO; JPO;	
		("6643041") or ("6587241") or ("6567194")	DERWENT;	
		or ("6490662") or ("6388782") or	IBM_TDB	
i		("6362905") or ("6331905") or ("6285479")	_	
		or ("6278536") or ("6226111") or		
		("6222653") or ("6130764") or ("6023359")		
		or ("6005694") or ("5815489") or		1
		("6631018") or ("6616349") or ("6570685")		
		or ("6473397") or ("6345137") or		
		("6317230") or ("6198721") or		
		("6137603")).PN.		
-	2	("6490062").PN.	USPAT;	2003/11/20
			US-PGPUB;	08:54
		•	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	60	(("6115154") or ("6088141") or	USPAT;	2003/11/20
		("6046832") or ("6038044") or ("5995256")	US-PGPUB;	09:20
		or ("5933258") or ("6643464") or	EPO; JPO;	
		("6643041") or ("6587241") or ("6567194")	DERWENT;	
		or ("6490662") or ("6388782") or	IBM_TDB	
		("6362905") or ("6331905") or ("6285479")	_	
		or ("6278536") or ("6226111") or		
		("6222653") or ("6130764") or ("6023359")		
		or ("6005694") or ("5815489") or		
	1	("6631018") or ("6616349") or ("6570685")		
		or ("6473397") or ("6345137") or		
		("6317230") or ("6198721") or		
		("6137603")).PN.		
-	8	((("6115154") or ("6088141") or	USPAT;	2003/11/20
		("6046832") or ("6038044") or ("5995256")	US-PGPUB;	09:23
		or ("5933258") or ("6643464") or	EPO; JPO;	
		("6643041") or ("6587241") or ("6567194")	DERWENT;	
1		or ("6490662") or ("6388782") or	IBM_TDB	
		("6362905") or ("6331905") or ("6285479")	_	
	1	or ("6278536") or ("6226111") or		
		("6222653") or ("6130764") or ("6023359")		
	1	or ("6005694") or ("5815489") or		
	1	("6631018") or ("6616349") or ("6570685")		
		or ("6473397") or ("6345137") or		
	1	("6317230") or ("6198721") or	. 0	·
L	<u> </u>	("6137603")).PN.) and wide		

4993 1227 45 1124875	(398/3,4,5,7,12,14,20,33,34,45,50,67,68,14 (wide with multiplex\$3) and ((398/3,4,5,7,12,14,20,33,34,45,50,67,68,1) attenuat\$3 or loss . ((("6115154") or ("6088141") or	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	09:23 2003/11/20
45 1124875	<pre>(wide with multiplex\$3) and ((398/3,4,5,7,12,14,20,33,34,45,50,67,68,1 attenuat\$3 or loss . ((("6115154") or ("6088141") or</pre>	IBM_TDB 5U59A87).CCI US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; 48\$59GPUB;CC EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	09:23 2003/11/20 1089:)23 2003/11/20
1124875	((398/3,4,5,7,12,14,20,33,34,45,50,67,68,1) attenuat\$3 or loss ((("6115154") or ("6088141") or	EPO; JPO; DERWENT; IBM_TDB USPAT; 40,559,600; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/20 1099:)23 2003/11/20
1124875	((398/3,4,5,7,12,14,20,33,34,45,50,67,68,1) attenuat\$3 or loss ((("6115154") or ("6088141") or	USPAT; 40,559,600; 40,559,600; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	10 5 9.;)23 2003/11/20
	((("6115154") or ("6088141") or	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	
24		EPO; JPO; DERWENT;	14:18
24		IDM IDD	i .
	("6046832") or ("6038044") or ("5995256") or ("5933258") or ("6643464") or	USPAT; US-PGPUB; EPO; JPO;	2003/11/20 14:23
	("6643041") or ("6587241") or ("6567194") or ("6490662") or ("6388782") or ("6362905") or ("6331905") or ("6285479") or ("6278536") or ("6226111") or	DERWENT; IBM_TDB	
	("6222653") or ("6130764") or ("6023359") or ("6005694") or ("5815489") or ("6631018") or ("6616349") or ("6570685") or ("6473397") or ("6345137") or ("6317230") or ("6198721") or		
9788	("613/603")).PN.) and (attenuat\$3 or loss) attenuat\$3 with wavelength	USPAT;	2003/11/20 14:24
		EPO; JPO; DERWENT;	11.21
4	("6046832") or ("6038044") or ("5995256") or ("5933258") or ("6643464") or ("6643041") or ("6567194") or ("6490662") or ("6388782") or ("6362905") or ("6331905") or ("6285479") or ("6278536") or ("6226111") or ("6222653") or ("6130764") or ("6023359") or ("6005694") or ("5815489") or ("6631018") or ("6616349") or ("6570685") or ("6473397") or ("6345137") or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:24
	("6137603")).PN.) and (attenuat\$3 with wavelength)		·
60	("6046832") or ("6038044") or ("5995256") or ("5933258") or ("6643464") or ("6643041") or ("6587241") or ("6567194") or ("6490662") or ("6388782") or ("6362905") or ("6331905") or ("6285479") or ("6278536") or ("6226111") or ("6222653") or ("6130764") or ("6023359") or ("6005694") or ("5815489") or ("6631018") or ("6616349") or ("6570685") or ("6473397") or ("6345137") or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21
	4	("6362905") or ("6331905") or ("6285479") or ("6278536") or ("6226111") or ("6022653") or ("6130764") or ("6023359") or ("6005694") or ("5815489") or ("6631018") or ("6616349") or ("6570685") or ("6473397") or ("6345137") or ("6317230") or ("6198721") or ("6137603")).PN.) and (attenuat\$3 or loss) attenuat\$3 with wavelength 4 ((("6115154") or ("6088141") or ("5995256") or ("5933258") or ("6643464") or ("5933258") or ("6643464") or ("6643041") or ("6587241") or ("6567194") or ("6362905") or ("6331905") or ("6285479") or ("6222653") or ("63103764") or ("6631018") or ("6616349") or ("6570685") or ("66317230") or ("6618349") or ("66377230") or ("613763") or ("613763") or ("613763") or ("6137503").PN.) and (attenuat\$3 with wavelength) 60 (("6115154") or ("6088141") or ("66370685") or ("6643041") or ("66770685") or ("6643041") or ("66770685") or ("6643041") or ("6643041") or ("6643041") or ("6643044") or ("6587241") or ("6643041") or ("6643041") or ("6643041") or ("6643041") or ("6643041") or ("6587241") or ("6587194") or ("67878536") or ("6388782") or ("622653") or ("63389782") or ("6388782") or ("622653") or ("63389782") or ("6226537") or ("63389782") or ("6226537") or ("63389782") or ("6226537") or ("63389782") or ("6388782") or ("6362905") or ("63389782") or ("60362905") or ("63389782") or ("60362905") or ("63389782") or ("6023359") or ("6388782") or ("603694") or ("5815489") or ("6023359") or ("60363018") or ("65815489") or ("6023359") or ("60363018") or ("6616349") or ("6023359") or ("60363018") or ("6616349") or ("6023359") or ("60363018") or ("6616349") or ("65870685")	("6362905") or ("6331905") or ("6285479") or ("6278536") or ("6226111") or ("6622653") or ("6130764") or ("6023359") or ("60305694") or ("5815489") or ("6570685") or ("6473397") or ("6345137") or ("6317230") or ("613649") or ("6570685") or ("6317230") or ("6198721") or ("6137603")).PN.) and (attenuat\$3 or loss) 9788 attenuat\$3 with wavelength 4 ((("6115154") or ("6088141") or ("5995256") or ("5933258") or ("6343646") or ("5995256") or ("63649041") or ("6587241") or ("6567194") or ("63649041") or ("6388782") or ("6278536") or ("6226111") or ("6363018") or ("6130764") or ("6570685") or ("6317230") or ("6130764") or ("6570685") or ("6317230") or ("6130764") or ("6570685") or ("6317230") or ("618349") or ("6570685") or ("6317230") or ("6038044") or ("5995256") or ("6317230") or ("6038044") or ("5995256") or ("6317230") or ("6038044") or ("5995256") or ("6362905") or ("6388782") or ("6570685") or ("6362905") or ("6388782") or ("66265479") or ("6362905") or ("6388782") or ("66285479") or ("6362905") or ("6388782") or ("6285479") or ("6362905") or ("6388782") or ("6285479") or ("622653") or ("6331905") or ("6285479") or ("6222653") or ("6331905") or ("6023359") or ("622653") or ("6331905") or ("6023359") or ("6278536") or ("638782") or ("6033359") or ("627631018") or ("631018") or ("6345137") or ("6317230") or ("6317230") or ("6345137") or ("6317230") or ("63187817") or ("6317230") or ("63187817") or ("6317230") or ("63187817") or ("6317230") or ("6198721") or ("6317230") or ("63187137") or ("6317230") or ("6198721") or ("6317230") or ("63187137") or ("6317230") or ("6198721") or ("6317230") or ("63187817") or ("6317230") or ("6198721") or ("6317230") or ("63187817") or ("6317230") or

	,			
-	.5	((("6115154") or ("6088141") or	USPAT;	2003/11/20
		("6046832") or ("6038044") or ("5995256")	US-PGPUB;	16:32
		or ("5933258") or ("6643464") or	EPO; JPO;	
		("6643041") or ("6587241") or ("6567194")	DERWENT;	
•		or ("6490662") or ("6388782") or	IBM_TDB	
		("6362905") or ("6331905") or ("6285479")		
		or ("6278536") or ("6226111") or		
		("622653") or ("6130764") or ("6023359")		
		or ("6005694") or ("5815489") or ("6631018") or ("6616349") or ("6570685")		
		or ("6473397") or ("6345137") or		,
		("6317230") or ("6198721") or		
		("6137603")).PN.) and duplicat\$3		
-	1227	(398/3,4,5,7,12,14,20,33,34,45,50,67,68,14	 511 50 2 87 1 CCT	\$2003/11/20
		(050,0,1,0,1,12,11,20,00,01,10,00,01,10,00,11	US-PGPUB;	16:43
			EPO; JPO;	20010
			DERWENT;	
			IBM TDB	
-	1072	((398/3,4,5,7,12,14,20,33,34,45,50,67,68,1	4559 A T87).co	1250.03/11/20
1		and (split\$4 or branch\$3 or separat\$4)	US-PGPUB;	16:44
*		· · · · · · · · · · · · · · · · ·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	346	(((398/3,4,5,7,12,14,20,33,34,45,50,67,68,		
		and (split\$4 or branch\$3 or separat\$4))	US-PGPUB;	07:56
		and work\$3	EPO; JPO;	
		*	DERWENT;	
1	4.7.5-5		IBM_TDB	0000/#5/55
-	41672	wide near3 band	USPAT;	2003/11/21
			US-PGPUB;	07:56
		•	EPO; JPO;	
			DERWENT;	
-	200	wide near3 band near3 multiplex\$3	IBM_TDB	2003/11/21
1	209	wide hears band hears multiplex\$3	USPAT;	2003/11/21
			US-PGPUB;	08:00
	i.		EPO; JPO; DERWENT;	
			IBM TDB	!
_	6	(("6278536") or ("6574018") or	USPAT;	2003/11/21
		("5937116")).PN.	US-PGPUB;	08:01
		(EPO; JPO;	
			DERWENT;	
			IBM TDB	!
-	60		USPAT;	2003/11/21
		("6046832") or ("6038044") or ("5995256")	US-PGPUB;	09:05
	•	or ("5933258") or ("6643464") or	EPO; JPO;	
		("6643041") or ("6587241") or ("6567194")	DERWENT;	
		or ("6490662") or ("6388782") or	IBM_TDB	
		("6362905") or ("6331905") or ("6285479")		
		or ("6278536") or ("6226111") or		
		("6222653") or ("6130764") or ("6023359")		
		or ("6005694") or ("5815489") or		
		("6631018") or ("6616349") or ("6570685")		,
		or ("6473397") or ("6345137") or		
		("6317230") or ("6198721") or		
_	1.4	("6137603")).PN.	IICDAM -	2002/11/21
-	14	((("6115154") or ("6088141") or ("6046832") or ("6038044") or ("5995256")	USPAT;	2003/11/21
		or ("6046832") or ("6038044") or ("5995256") or ("6643464") or	US-PGPUB; EPO; JPO;	09:15
		("6643041") or ("6587241") or ("6567194")	DERWENT;	
		or ("6490662") or ("6388782") or	IBM TDB	
		("6362905") or ("6331905") or ("6285479")	1011_100	
		or ("6278536") or ("6226111") or		
		("6222653") or ("6130764") or ("6023359")		
		or ("6005694") or ("5815489") or		
		("6631018") or ("6616349") or ("6570685")		
		or ("6473397") or ("6345137") or		
		01 (01/3337) 01 (03/3137) 01		
		("6317230") or ("6198721") or		

_	15408	MS with SPRING	USPAT; US-PGPUB;	2003/11/21 09:15
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	15408	(MS with SPRING) or (MS adj SPRING) or ("MS-SPRING")	USPAT; US-PGPUB;	2003/11/21
		(ris-string)	EPO; JPO;	09.16
			DERWENT;	
	5.0	Have approved	IBM_TDB	0002/11/01
-	58	"MS-SPRING"	USPAT; US-PGPUB;	2003/11/21 09:18
			EPO; JPO;	05.10
			DERWENT;	
_	101	linear adj protect\$3	IBM_TDB USPAT;	2003/11/21
	101	Timear adj protecty3	US-PGPUB;	09:21
			EPO; JPO;	
			DERWENT;	
_	1742	linear near3 protect\$3	IBM_TDB USPAT;	2003/11/21
	1 132		US-PGPUB;	09:22
			EPO; JPO;	
			DERWENT;	
j _	368	(linear near3 protect\$3) and optical	IBM_TDB USPAT;	2003/11/21
		,	US-PGPUB;	09:22
			EPO; JPO;	
			DERWENT; IBM TDB	
-	164	((linear near3 protect\$3) and optical)	USPAT;	2003/11/21
		and ring	US-PGPUB;	09:44
			EPO; JPO; DERWENT;	
			IBM TDB	
_	2	("5760934").PN.	USPAT;	2003/11/21
			US-PGPUB;	10:34
			EPO; JPO; DERWENT;	
			IBM_TDB	
_	8	(("5793745") or ("5760934") or	USPAT;	2003/11/21
		("5974027") or ("6101016")).PN.	US-PGPUB; EPO; JPO;	10:34
			DERWENT;	
		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IBM_TDB	
_	3	((("5793745") or ("5760934") or ("5974027") or ("6101016")).PN.) and	USPAT; US-PGPUB;	2003/11/21
		linear	EPO; JPO;	10.40
			DERWENT;	,
_	5	 Bragg and ((("6115154") or ("6088141") or	IBM_TDB USPAT;	2002/11/21
]	("6046832") or ("6038044") or ("5995256")	US-PGPUB;	2003/11/21
		or ("5933258") or ("6643464") or	EPO; JPO;	
		("6643041") or ("6587241") or ("6567194") or ("6490662") or ("6388782") or	DERWENT;	
		("6362905") or ("6331905") or ("6285479")	IBM_TDB	
		or ("6278536") or ("6226111") or	1	
		("6222653") or ("6130764") or ("6023359")		
		or ("6005694") or ("5815489") or ("6631018") or ("6616349") or ("6570685")		
		or ("6473397") or ("6345137") or		
		("6317230") or ("6198721") or		
		("6137603")).PN.)		
-	7539	bragg with grating\$1	USPAT;	2003/11/21
			US-PGPUB; EPO; JPO;	10:53
			DERWENT;	
	<u></u>		IBM_TDB	

-	474	(bragg with grating\$1	USPAT;	2003/11/21
) and protect\$3 and work\$3	US-PGPUB;	10:53
			EPO; JPO;	1
			DERWENT;	
		•	IBM TDB	
_	470	((bragg with grating\$1	USPAT;	2003/11/21
İ	170) and protect\$3 and work\$3) and optical	1	11:29
) and protects and workss) and optical	US-PGPUB;	11:29.
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	1
-	11679	grating and lambda	USPAT;	2003/11/21
			US-PGPUB;	11:29
	:		EPO; JPO;	
			DERWENT;	
		•	IBM TDB	
-	605	(grating and lambda) and (398/\$7.ccls.)	USPAT;	2003/11/21
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	11:57
			EPO; JPO;	1
			DERWENT;	
	1		IBM TDB	1
1_	10	//"6201007"\ om /"5052141"\		2002/11/21
-	10	(("6201907") or ("5953141") or	USPAT;	2003/11/21
	1	("6208443") or ("6597481") or	US-PGPUB;	12:00
		("6221565")).PN.	EPO; JPO;	
İ			DERWENT;	
			IBM_TDB	
-	8	((("6201907") or ("5953141") or	USPAT;	2003/11/21
	1	("6208443") or ("6597481") or	US-PGPUB;	14:17
		("6221565")).PN.) and bragg	EPO; JPO;	1
		, , , , , , , , , , , , , , , , , , , ,	DERWENT;	1
		•	IBM TDB	•
_	5	(("6631018") or ("6023359") or	USPAT;	2003/11/21
İ		("6278536")).PN.	US-PGPUB;	14:17
		(02/0330 //.EN.	EPO; JPO;	14.17
			DERWENT;	
			1	
1		///866210108)	IBM_TDB	0000 (11 (01
-	3	((("6631018") or ("6023359") or	USPAT;	2003/11/21
		("6278536")).PN.) and add and drop	US-PGPUB;	16:40
			EPO; JPO;	
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-	4	(("6,570,685") or ("5937116")).PN.	USPAT;	2003/11/21
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